

VEYNEROV, I.B., prof.; KRUCHAKOVA, F.A., kand.biolog.nauk; PODGAYETSKAYA,
M.G., kand.med.nauk

Treatment of alopecia seborrhoeica with vitamins. Vest.derm.
i ven. no.8:51-54 '62. (MIRA 15:9)

1. Iz otdela kozhno-venerologicheskogo tuberkuleza (zav. -
prof. I.B. Veynerov) Ukrainskogo nauchno-issledovatel'skogo
instituta tuberkuleza imeni F.G. Yanovskogo (dir. - dotsent
I.S. Mamolat).

(BALDNESS) (VITAMIN THERAPY)

VEYNEROV, I.B.; KRUCHAKOVA, F.A.; PODGAYETSKAYA, M.G.

Riboflavine and 17-ketosteroid metabolism in patients with
seborrhea. Vop. pit. 22 no.1:28-32 Ja-F'63 (MIRA 16:11)

1. Iz otdela kozhnogo tuberkuleza Ukrainskogo nauchno-issle-
dovatel'skogo instituta tuberkuleza imeni F.G.Yanovskogo, Kiyev.

*

VEYNEROV, I.B.; KRUCHAKOVA, F.A.; PODGAYETSKAYA, M.G.

Effect of various factors on the rate of uptake of radioactive sulfur ($S-35$) in the skin and wool of animals. Vest.derm.i ven. 34 no.8:11-14 '60. (MIRA 13:11)

1. Iz kliniko-eksperimental'noy laboratorii otdela tuberkuleza kozhi (zav. - prof. I.B. Veynerov) Ukrainskogo nauchno-issledovatel'skogo instituta tuberkuleza imeni F.G. Yanovskogo (dir. - dotsent A.S. Mamolat).
(SKIN) (WOOL) (SULFUR METABOLISM)

PODGAYETSKAYA, M.G., kand.med.nauk

Late observations of results from treating certain skin diseases.
with applications of radioactive phosphorus. Vrach.delo no.3:299
Mr'58 (MIRA 11:5)

1. Kiyevskiy gorodskoy kozhno-venerologicheskij dispanser.
(PHOSPHORUS--ISOTOPES)
(SKIN--DISEASES)

MEL'NIK, M.A.; IVANOV, A.S.; PODGAYETSKAYA, M.G., kandidat meditsinskikh nauk; BABASEVA, Ye.P.; LESTOVETSKAYA, G.T.; MITSINSKIY, N.Y.

Treating mycoses of the scalp with "Lesovaia" liquids nos 1 and 2 without using X rays. Report No.2. Vest.ven. i derm. 30 no.4:52-53 J1-Ag '56. (MLRA 9:10)

1. Iz mikologicheskogo otdeleniya Kiyevskogo gorodskogo kozhno-venerologicheskogo dispensera.

(ANTISEPTICS) (DERMATOMYCOSIS) (SCALP—DISEASES)

GEL'PERIN, N.I., prof.; PODGAYETSKAYA, O.I., kand.tekhn.nauk; DUBININ, M.K.,
kand.tekhn.nauk

Latest in the technology of drying of polymeric materials.

Zhur. VKHO 10 no.2:195-202 '65.

(MIRA 18:6)

GEL'PERIN, N.I.; PODGAYETSKAYA, O.I.; DUBININ, M.K.

Process of curing of pentaerythritol, polyvinylbutyral, and emulsion
polystyrene in suspension. Plast.massy no.4:31-34 '63. (MIRA 16:4)
(Polymers—Drying) (Suspensions (Chemistry))

BRAVERMAN, L., inzh.; PODGAYETSKIY, G., inzh.; CHUMAKOV, G., inzh..

Silos and conveyor galleries made of mesh-reinforced concrete. Prom. stroi
i inzh. soor. 5 no.2:33-38 Mr-Ap '63. (MIRA 16:4)
(Cement--Storage) (Precast concrete construction)

Podgayetskiy, I. K.

PERIODICAL ABSTRACTS

Sub.: USSR/Engineering

AID 4190 - P

FRUMIN, I. I., D. M. RABKIN, V. V. PODGAYETSKIY, I. K. POKHODNYA, and E. I. LEYNACHUK.

NIZKOKREMNISTYYE FLYUSY DLYA AVTOMATICHESKOY SVARKI I NAPLAVKI
(Low Silicic Fluxes in Automatic Welding and Hard Facing).

Avtomaticheskaya svarka, no. 1, Ja/P 1956: 1-20.

A discussion of the application of various special fluxes with a low silicic content, like the AN-10, AN-20, AN-22 and AN-30, used in welding of alloyed steel to achieve better results and prevent formation of pores in welded seams. The authors present the chemical composition of built-up metal, formation of built-up metal and bead, structure of built up metals, and tendency for formation of crystallized flows, separation of clinker, etc. Thirteen tables, some macropictures, graph and sketch. Sixteen Russian references, 1946-1955.

VEYNEROV, I.B., prof.; KURCHAKOVA, F.A., kand.biologicheskikh nauk;
PODGAYETSKAYA, M.G., kand.med.nauk

Treatment of seborrhea of the hairy part of the head with potassium
polysulfide and vitamin creme. Vrach. delo no. 3:94-97 Mr '61.
(MIRA 14:4)

1. Klinika tuberkuleza kozhi (zav. - prof. I.B. Veynerov)
Ukrainskogo nauchno-issledovatel'skogo instituta tuberkuleza imeni
akademika F. G. Yanovskogo.

(SEBACEOUS GLANDS—DISEASES) (VITAMIN THERAPY)
(SULFIDES)

GEL'PERIN, N.I.; DUBININ, M.K.; PODGNETSKAYA, G.I.

Continuous drying of free-flowing polymeric materials in a fluidized
bed and in suspension. Khim. prom. no.10:770-775 O '63.

(MIRA 1785)

GEL'PERIN, N.I.; PODGAYETSKAYA, O.I.; DUBININ, M.K.

Dryer with a fluidized bed for sebacic acid. Khim.prom. no.9:
689-690 S '62. (MIRA 15:11)
(Nizhnyi Tagil--Sebacic acid)

L 04235-67 EWT(m)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AR6031866

SOURCE CODE: UR/0058/66/000/006/D054/D054

AUTHOR: Podgayetskaya, R. I. ; Kolovskiy, A. A. ; Korshunov, A. V.

25
B

TITLE: Width of 1-f lines of barium nitrate single-crystals 16

SOURCE: Ref. zh. Fizika, Abs. 6D441 21 21

REF SOURCE: Sb. Optich. issled. molekulyarn. dvizheniya i mezhmolekulyarn. vzaimodeystv. v zhidkostyakh i rastvorakh. Tashkent, Nauka, 1965, 65-69

TOPIC TAGS: 1f line, barium nitrate, Raman spectrum, potential barrier, anion oscillation

ABSTRACT: Raman spectra of a $\text{Ba}(\text{NO}_3)_2$ are investigated in 1-f region. The spectrum consists of 6 lines. Three of the more intense lines of 80, 126, and 142 cm^{-1} , are 3--6 cm^{-1} in width. Computational values of the potential barriers for various anion oscillations in relation to various axes are given. [Translation of abstract]

SUB CODE: 07/

Cord 1/1 *plw*

L 01927-67 EWT(1)/T IJP(c)

ACC NR: AR6031865

SOURCE CODE: UR/0058/66/000/006/D053/D053

AUTHOR: Podgayetskaya, R. I. ; Kolovskiy, A. A. ; Yudin, A. L. 34B

TITLE: Vibrations of octahedral groups determined from Raman scattering spectra of the monocystal and solution of $\text{MgCd}(\text{CdCl}_2) \cdot 12\text{H}_2\text{O}$ 21

SOURCE: Ref. zh. Fizika, Abs. 6D434

REF SOURCE: Sb. Optich. issled. molekulyarn. dvizheniya i mezhmolekulyarn. vzaimodeystv. v zhidkostyakh i rastvorakh. Tashkent, Nauka, 1965, 69-71

TOPIC TAGS: Raman scattering, Raman spectrum, crystal vibration

ABSTRACT: An analysis is made of the Raman scattering spectrum of a monocystal (cr) and its solution (sl) $\text{MgCd}(\text{CdCl}_2) \cdot 12\text{H}_2\text{O}$. The observed frequencies (cm^{-1}) $\nu = 226$ (cr) and 146 (sl), $\nu = 251$ (cr) and 258 (sl), $\nu = 401$ (cr) and 387 (sl) are attributed to the internal vibrations of the cation $\text{Mg}(\text{H}_2\text{O})_6$. The difference between ν_{cr} and ν_{sl} is attributed by the author to the removal of degeneracy in the vibrations of the crystal. E. Broun. [Translation of abstract] [SP]

SUB CODE: 20/

Card 1/1 hs

1 02233-67 EWT(1)/EWT(m)/T/FWP(t)/ETI LJP(c) JD

ACC NR: AR6013668

SOURCE CODE: UR/0058/65/000/010/E055/E055

AUTHOR: Podgayetskaya, R. I.; Kolovskiy, A. A.; Korshunov, A. V. 53
B

TITLE: Investigation of lattice vibrations of single crystals with different ions
by the Raman scattering method 18

SOURCE: Ref. zh. Fizika, Abs. 10E436

REF. SOURCE: Tr. Komis. po spektroskopii. AN SSSR. t. 3, vyp. 1, 1964, 582-587

TOPIC TAGS: Raman spectroscopy, crystal lattice vibration, sulfate, selenium
compound 17

ABSTRACT: The authors obtain the low-frequency spectra of Raman lines of sulfate
and selenate crystal-hydrates with different cations. They consider the connection
between these spectra and the vibrations of crystalline octahedral groups consisting
of metallic cations surrounded by water molecules. The lattice vibrations are in-
terpreted by comparison of the low-frequency spectra of the sulfate and selenate
crystal-hydrates. [Translation of abstract].

SUB CODE: 20

Card 1/1 *ldh*

PODgayetskiy, V. V.

125-58-4-2/15

AUTHORS: Podgayetskiy, V.V., and Langer, N.A., Candidates of Technical Sciences, Malevskiy, Yu.B., and Manzheley, G.P., Engineers

TITLE: A Study of Non-Metallic Inclusions in Seams Welded Under Flux (Issledovaniye nemetallicheskih vklyucheniye v shvakh vypolnennykh pod flyusom)

PERIODICAL: Avtomaticheskaya Svarka, 1958, Nr 4, pp 10-23 (USSR)

ABSTRACT: A brief review of different opinions on the subject is given [Ref. 1-12] to demonstrate that the influence of flux on non-metallic inclusions has been barely investigated, although the flux composition considerably affects the structure of weld metal and its mechanical properties. The experiment described in the article was carried out with the use of fluxes "AN-5", "AN-348-A", "AN-20", "AN-30" and an experimental low-silicon manganese flux, and standard electrode wire of grades "Sv-08", "Sv-08G", and "Sv-10GS". The compositions of the fluxes, wire, and the obtained weld metal are given (Tables 1-5). It was concluded that the content of non-metallic inclusions in weld metal, and the

Card 1/2

125-58-4-2/15

A Study of Non-Metallic Inclusions in Seams Welded Under Flux

general oxygen content therein, increase with increasing SiO_2 content in the flux. The composition of non-metallic inclusions is determined by the flux composition and is comparatively little - affected by the composition of the electrode wire. Non-metallic inclusions originate mainly from the flux and change their composition within the weld puddle. In the conditions of intensive mixing of metal and slag in the puddle, the intensiveness of the extraction of non-metallic inclusions apparently depends less on the difference between the density of the inclusions and the metal than on the inter-phase tension on the border between them. The flux composition seems to affect the initial weld-metal structure by affecting the composition and the thickness of intercrystalline layers, and not by affecting the distribution of the non-metallic inclusions. There are 8 figures, and 21 references, 18 of which are Soviet, 2 German, and 1 English.

ASSOCIATION: Institut elektrosvariki imeni Ye.O. Patona AN UkrSSR (Electric Welding Institute imeni Ye.O. Paton of the AS UkrSSR)
 SUBMITTED: January 17, 1957
 AVAILABLE: Library of Congress
 Card 2/2

PODGAYETSKIY, V.V.; KOLISNYK, V.N.

Depositing a layer of high-chromium cast iron using an an electrode
rod in power form. Avtom. svar. 10 no.2:103-106 Mr-Ap '57.

(MLRA 10:6)

1. Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye.O.
Patona Akademii nauk USSR.

(Hard facing)

PODGAYESKIY, V. V.

18 18
Causes of Hot-cracking of Welds. V. V. Podgaetskiy
Automat. Svarka, 1966, 1, 10, 13-16. Correlations between
hot-cracking and the content of sulfur and phosphorus in
the metal were found. A test for hot-cracking was
described. Findings are discussed.

3

1-45

RB
202

PODGAETSKIY, V. V.

✓ 1749 Low Silica Fluxes for Automatic Welding and for Facing. I. I. Frumin, D. M. Rabkin, V. V. Podgaetskii, I. K. Pikhodnya, and E. I. Leinachuk. Henry Bratcher Translation No. 3800, 29 p. (From *Automaticheskaya Svarka*, v. 5, no. 1, 1958, p. 3-20.) Henry Bratcher, Alhambra, Calif.
Previously abstracted from original. See item 10264, v. 5, Aug. 1958.

5

(N) L 10435-66

EWT(m)/EWP(v)/T/EWP(t)/EWP(k)/EWP(b)/EWA(c).

JD/HM

AM5023970

BOOK EXPLOITATION

UR/

Podgayetskiy, Vladimir Vladimirovich

Welding slags (Svarochnyye shlaki) Kiev, Naukova dumka, 1964. 74 p.
illus., biblio. (At head of title: Akademiya nauk Ukrainskoy SSR,
Ordена trudovogo krasnogo znameni institut elektrosvarki im. YE.
O. Patona) 1650 copies printed.

TOPIC TAGS: slag, welding slag, slag structure, slag classification

PURPOSE AND COVERAGE: This booklet is intended for scientists and engineers working in welding. The booklet presents the facts about the composition, structure, and physicochemical properties of welding slags. A classification of slags and the correlations between structure and slag properties are presented.

Introduction -- 2

Composition and structure of welding slags -- 3

Molecular theory of structure of liquid slags -- 3

Card 1/2

L 10435-66

AM5023970

Ion theory of slag structure -- 4

The structure of actual metallurgical slags -- 8

Water in welding slags -- 18

Classification of welding slags -- 19

Oxide-type welding slags -- 19

Salt-type welding slags -- 49

Salt-oxide type welding slags -- 57

References -- 69

Table of contents.

SUB CODE: MM,IE

SUBMITTED: 04Dec64

NO REF SOV: 085

OTHER: 041

Card 2/2

ACC NR: AP6002532

SOURCE CODE: UR/0286/65/000/023/0037/0037

INVENTOR: ^{44,55}Ul'yanov, V. I.; ^{44,55}Sedov, V. Ye.; ^{44,55}Podgayetskiy, V. V.

ORG: none

TITLE: Gas-shielded arc welding and brazing method. Class 21, No. 176648.
[announced by the Electric Welding Institute im. Ye. O. Paton AN UkrSSR
(Institute electrosvazki AN UkrSSR)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 37

TOPIC TAGS: welding, brazing, arc welding, gas shielded arc, arc brazing

ABSTRACT: This Author Certificate introduces a method of gas-shielded arc welding and brazing which uses a combination of internal and external annular gas streams. To ensure uniform heating and melting of the metal and thus to improve the weld quality, the heat is carried by the internal gas stream. [ND]

SUB CODE: 13 / SUBM DATE: 10Dec64/ ATD PRESS: 4/76

HW
Card 1/1

UDC: 621.791.85
U.S.: 621.791.753.9

PODGAYETSKAYA, M.

"Calcium, Phosphorus, and Alkaline Phosphatase in the Blood and Skin of Patients With Lupus Tuberculosis During Treatment with Vitamin D₂."
Cand Med Sci, Ukrainian Sci Res Inst of Tuberculosis, Kiev, 1954.
(RZhBiol, No 4, Feb 54)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical
Dissertation Defended at USSR Higher Educational Institutions.
(14)

PODGAYETSHAYA, P. G.

"Calcium, Phosphorus and Alkaline Phosphatase in the Blood and
Skin of Patients With Lupus Vulgaris, Treated With Vitamin D₂."
Cand Med Sci, Kiev Order of Labor Red Banner Medical Inst ineni
Academician A. A. Bogomolets, 30 Sep 54. (FU, 22 Sep 54)

SO: Sum 432, 29 Mar 55

PODGAYSKAYA, Z.I.

The first conference on application of organic reagents in
analytical chemistry. Zhur.anal.khim. 12 no.2:279 Mr-Apr '57.

(MLRA 10:7)

(Chemistry, Analytical--Congresses) (Chemical tests and reagents)

KURKIN, Ya., kand.tekhn.nauk; PODGAYETSKIY, G., inzh.; LEVITSKIY, Sh.,
inzh.

Machining surfaces of connecting rod joints. Avt.transp. 39
no.10:29-30 0 '61. (MIRA 14:10)
(Milling machines--Attachments)

26

USSR/Medicine - Tuberculosis, Vaccine Mar/Apr 1948
 Medicine - Tuberculosis, Pulmonary

"Application of Antitubercular Cytotoxic Serum to
 Laryngeal Tuberculosis," G. B. Podgayetskiy, Ukr Sov
 Res Tuberculosis Inst, 14 pp

"Problem Tuberk" No 2

Use of antitubercular cytotoxic serum (ATBS) in small
 doses acts as effective and nonirritating medicinal
 substance in laryngopulmonary tuberculosis. Best re-
 sults obtained with patients suffering from infiltra-
 tive or fibronodular forms of pulmonary tuberculosis,
 or from complex laryngeal tuberculosis. Best method

67T80

USSR/Medicine - Tuberculosis, Vaccine (Contd) Mar/Apr 1948

For administration of ATBS is intracutaneous injection
 warns that the last injection can be administered only
 after the subsidence of all evidences of reaction
 (whether in the nides, localized, or widespread). Dir
 Ukrainian Sov Res Tuberculosis Inst: A. S. Mamolat.

67T80

PODGAYETSKIY, G. B.

PODGAYETSKIY, G.B.

Therapeutic effect of streptomycin in laryngeal stenosis of syphilitic origin. Vest. otorinolar. 13 no.3:48-49 May-June 1951. (CLML 20:11)

1. Of the Ukrainian Scientific-Research Tuberculosis Institute
(Director--A.S. Mamolat), Kiev.

PODGAYETSKIY, G. B.; SHEINMAN, N. S.

Immediate results in the treatment of upper respiratory
tuberculosis with paraaminosalicylic acid. Vest. otorinolar.,
Moskva 13 no.4:86-87 July-Aug 1951. (CIAML 21:1)

1. Of the Ukrainian Scientific-Research Tuberculosis Institute.

PODGAYETSKIY, G.B., kandidat meditsinskikh nauk.

Insidious tuberculosis of nasopharyngeal and palatine tonsils in children and adolescents. Probl.tub. no.6:20-25 N-D '53. (MLRA 6:12)

1. Is Ukrainskogo nauchno-issledovatel'skogo tuberkuleznogo instituta (direktor A.S.Mamolat, samestitel direktora po nauchnoy chasti - professor M.A.Klebanov). (Tonsils--Tuberculosis)

PODGAYETSKIY, G. B.

✓ 5121. Experience in the use of phthaside in tuberculosis of the upper respiratory passages. G. B. Podgayetski, *Vestn. Gornolaryngol.*, 1954, No. 5, 54-57; *Referat Zh. Biol. Khim.*, 1956, Abstr. No. 88352. - Observations were made on 53 cases of tuberculosis of the upper respiratory passages with a mainly productive as well as exudative process, as well as on the use of tubercular toxins in the higher respiratory passages. Phthaside was given in doses of 1-1.5 g. 3-4 times a day. The average weight of the patient was 60-150 g. A clinical cure was effected in 10 cases, considerable improvement in 21 cases, and no change in the condition in 22 cases. In 10 cases the oral cavity, the pharynx and the larynx were affected, in 10 cases that in the larynx. There was some improvement in 10 cases, a clinical cure with 1. The patients were able to endure electrocoagulation better when treated with 1. There was no general reaction, and the mucous membrane healed quickly. In cases of tubercular impus of the mucous membranes of the nose, the oral cavity, the pharynx, and the larynx, a clinical cure was effected in 6 cases, considerable improvement in 2 cases and some improvement in one. (Russian)

E. L. PARKS

PODGAYETSKIY, G.B., kand.med.nauk

Surgical treatment of chronic tonsillitis and adenoids in children
and adolescents suffering from tuberculosis. Zhur.ush., nos.1
gorl.bol. 22 no.2:50-54 Mr-Apr '62. (MIRA 15:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut tuberkuleza.
(TUBERCULOSIS--COMPLICATIONS AND SEQUELAE)
(TONSILS--SURGERY) (ANENOIDS--SURGERY)

PODGAYETSKIY, G.B.

Bronchoscopy in patients with tuberculosis after resection of
the lung. Probl.tub. 39 no.3:40-44 '61. (MIRA 14:5)

1. Iz Ukrainського nauchno-issledovatel'skogo instituta tuberku-
leza imeni akad. F.G. Yanovskogo (dir. - dotsent A.S. Mamolat).
(LUNGS—SURGERY) (BRONCHOSCOPY)

PODGAYETSKIY, G.B., kand.med.nauk; PUKH, Ye.I., kand.biolog.nauk

Sulfamethine treatment of otitis media purulenta chronica in
tuberculosis patients. Pat., klin.i terap.tub. no.8:210-212
'58. (MIRA 13:7)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta tuberku-
leza im. akad. F.G. Yanovskogo.
(SULFONE) (TUBERCULOSIS) (EAR--DISEASES)

PODGAYETSKIY, G.B., kand.med.nauk; PUKH, Ye.I., kand.biol.nauk

Diagnosis and treatment of chronic purulent otitis media in
tuberculosis. Vest.otorin. 20 no.2:64-68 Mr-Apr '58.
(MIRA 12:11)

1. Iz Ukrainського nauchno-issledovatel'skogo instituta
tuberkuleza, Kiyev.

(TUBERCULOSIS, compl.

chronic purulent otitis media, diag. & ther.
(Rus))

(OTITIS MEDIA, compl.

tuberc. in chronic purulent otitis media.
(Rus))

PODGORETSKIY, M.I.

AZIMOV, S.A.; GULYAMOV, U.G.; ZAMCHALOVA, Ye.A.; NIZAMETDINOVA, M.;
PODGORETSKIY, M.I.; YULDASHEV, A.

Investigation of σ -stars induced by negative π -mesons.
Zhur. eksp. i teor. fiz. 31 no.5:756-761 N '56. (MIRA 10:2)

1. Fizicheskiy institut imeni P.N. Lebedeva Akademii nauk SSSR. i
Akademiya nauk Uzbekskoy SSR.
(Mesons) (Nuclear reactions)

STRIZHAK, V.I.; DEVYATISIL'NYY, V.I.; PODGAYEVSKIY, I.A.

Production of pipe in foreign countries for the petroleum industry.
Met. i gornorud. prom. no.3:85-88 My-Je '63. (MIRA 17:1)

Ukrainskiy nauchno-issledovatel'skiy trubnyy institut.

PODGAYEVSKIY, I.A., inzh.

Use of clad steels in chemical machinery manufacture.
Khim.mash. no.4:43-44 J1-Ag '60. (MIRA 13:7)
(Chemical engineering--Equipment and supplies)
(Metal cladding)

PODGAYEVSKIY, I.A., inzh.

Making composite bolts by friction welding. Mashinostroitel'
no.3:12 Mr '60. (MIRA 13:6)
(Welding)

ДОНОВ, Р. Т.; ПОДГАЙСКИЙ, В. Л.

Feed Water Purification

Subbling in deaerators of feed water.

Elek. Sta., 23, No. 4, 1952.

Inzh. Molotovenergo

SO: Monthly List of Russian Accessions, Library of Congress, August 1952 1953, Uncl.

PODGAYETS, M.A., inzhener.

Exhibition of building technology in Sokol'niki. Mekh.stroi.11 no.9:
7-13 S '54. (MIRA 7:9)

(Moscow--Building machinery--Exhibitions) (Building machinery--
Exhibitions--Moscow)

PODGAYETS, M.A., inzhener.

Building and road machinery at the All-Union Agricultural
Exhibition. Mekh.stroi.11 no.10: 10-14 0 '54. (MLRA 7:11)
(Road machinery) (Building machinery) (Moscow--Agricultural
exhibitions)

PODGAYETS, M. A. (Engr.)

"Exposition of Construction Techniques and Equipment in Sokol'niki," Mekh.
Stroit., No 9, pp 7-13, 1954

Translation M-314, 30 Mar 55

PODGAYETS S.I.
RONZHIN, M.I.; PODGAYETS, S.I.

Examine economic aspects of the sugar industry thoroughly.
Sakh.prom. 28 no.6:39-40 '54. (MLRA 7:11)

1. K.F.Giprosakhara.
(Sugar industry)

PODGAYEVSKAYA, A.

5704. PODGAYEVSKAYA, A. Ka: Pravil'no Obrezat' plodoye Derev'ya. Krasnodar,
«Sov. Kuban'»-1954. 27s. s. Ill. 20 sm. (Upr. s.-Kh Propagandy Upr. Sel'skogo Khoz-
yaystva Krasnodarskogo Kraya: polkoma. Krasnodarskoy ttd-niye Vsesoyuz. s.-kh. o-va)
2.000 Ekz. Bespl.---(55-1476). p.-634.1/7: 631.542(47.893)

SO: Knizhnaya, Letopis, Vol. 1 , 1955

PODGAJEVSKAYA, A. A.

Pruning of fruit-trees in the Kuban. Krasnodar. Krasnodarskoe knizhnoe izd-vo, 1953. 152 p.

1. Fruit-culture - Russia - Kuban.
2. Pruning.

PODGAYETSKAYA, A. I.

Ostrovskiy, Nikolay Alekseyevich, 1904 - 1937

In memory of N.A. Ostrovskiy, Vest. AN SSSR, 22, No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1953² Unclassified.

PODGAYETSKAYA, M.-G.

USSR/Medicine - Tuberculosis, Skin
Vitamin D₂

Mar/Apr 49

"Treatment of Tuberculosis of the Skin With Vitamin D₂," M. Ya. Men', M. G. Podgayetskaya,
Clinic of Skin Tuberculosis, Ukrainian Sci Res Tuberculosis Inst, 5 $\frac{1}{2}$ pp

"Prob Tuber" No 2

Vitamin D₂ is a highly effective medical treatment which heals a great number of Lupus vulgaris cases, as indicated by clinical microscope examinations. Serious secondary symptoms, caused by a prolonged injection of large vitamin D₂ doses, necessitate thorough observation of patient during treatment period. Following moments were noticed in the process of treatments: (1) reactive symptoms originating in the tubercular nidus of skin, regional lymphatic glands and lungs; (2) microscopic changes in the affected nidus whose character and intensity indicate a certain stimulation of the tissue-joined elements.

Gives table of treatment result and time with Vitamin D₂.

PA 66/49T68

MEN', M.Ya.; PODGAYETSKAYA, M.G.; CHERKASSKAYA, Ye.I.; VOLOVIK, Ya.K.

Para-aminosalicylic acid therapy of tuberculosis of the skin. Vest.
ven.1 derm. no.5:53 S-O '53. (MLRA 6:12)

1. Iz Ukrainского instituta tuberkuleza,
(Skin--Tuberculosis) (Para-aminosalicylic acid--Therapeutic
use)

PODGAYEVSKIY, A.

Textile Industry - Accounting

Inventory of unfinished production in weaving shops. Bukhg. uchët 12, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

~~PODGAYEVSKAYA, I.P.~~

Characteristics of superficially gleyed turf-Podzolic soils of the
northern Carpathian Mountain region of the Ukrainian S.S.R. Poch-
vovedenie no.7:85-93 J1 '59. (MIRA 12:11)

1. Kiyevskiy universitet im. T.G. Shevchenko.
(Carpathian Mountain region--Podzol)

PODGAYEVSKIY, P.N., inzh. (Kiyev)

Experience in adjusting sewage purification equipment.

Vod. 1 san. tekhn. no.10:32-34 0 '65.

(MIRA 18:11)

PODGAYEVSKIY, V. L.

AID P - 1628

Subject : USSR/Engineering

Card 1/1 Pub. 29 - 10/23

Author : Podgayevskiy, V. L., Eng.

Title : Salt - sedimentation control in turbines

Periodical : Energetik, 1, 17-18, Ja 1955

Abstract : The author describes a method of construction of nomograms for control of salt sedimentation in turbines. The control is prescribed by the Technical Administration of Ministry of Electric Power Plants in circular No.52, 1951

Institution: As above

Submitted : No date

PODGAYEVSKIY, V.L.

PODGAYEVSKIY, V.L., inzhener.

Using a starting ejector as a substitute for the main ejector
of a condenser in case of emergency. Energetik 2 no.12:5-6
D '54. (MLRA 7:12)

(Condensers (Steam))

PODGAYEVSKIY, V.L., inshener.

Controlling salt deposits in the steam flow stage of turbines.
Energetik 3 no.1:17-18 Ja '55. (MLRA 7:12)
(Steam turbines)

PODGAYEVSKIY, V. L.

AID P - 1181

Subject : USSR/Electricity
Card 1/1 Pub. 29 - 3/27
Author : Podgayevskiy, V. L., Eng.
Title : ~~Utilization of the starting ejector as emergency reserve~~
of the basic ejector of a condensing installation
Periodical : Energetik, 12, 5-6, D 1954
Abstract : This method permits, according to the author's experience,
the making of major repairs on the basic working ejector,
while the condenser operates with the starting ejector.
Institution : None
Submitted : No date

PODGAYEVSKIY, V. L.

Feed Water Purification

Bubbling in deaerators of feed water.
Elek. Sta., 23, No. 4, 1952.
Inzh. Molotovenergo

Monthly List of Russian Accessions, Library
of Congress, August, 1952. UNCLASSIFIED.

ACCESSION NR: AP4032871

S/0051/64/016/004/0674/0676

AUTHOR: Podgayetskij, V.M.; Chernets, A.N.; Korneyeva, O.G.

TITLE: Some characteristics of a ruby laser with two reflecting prisms

SOURCE: Optika i spektroskopiya, v. 16, no. 4, 1964, 674-676

TOPIC TAGS: laser, ruby laser, laser reflector, reflecting prism laser, laser emission polarization

ABSTRACT: Recently V. Bernstein, W. Kaph, and Shulman (Proc.IRE, 50, 1833, 1962; Electronics, No. 9, 14, 1963) and M. Bertolotti, L. Musii, and D. Sette (Nuovo cimento, 26, 401, 1962) proposed the use of total internal reflection prisms as the reflectors in lasers and performed some preliminary experiments. However, the characteristics of such systems are still inadequately known. Accordingly, the present work was devoted to investigation of the performance of a ruby rod laser with two external trigonal glass prisms in the arrangement diagrammed in Fig. 1 of the Enclosure. The ruby rod (about 0.05% Cr₂O₃) (3 in the figure) was 8.5 mm in diameter and 120 mm long; the angle between the geometric and optical axes of the rod was about 70°. The distance between the prisms (2)

Card 1/4

ACCESSION NR: AP4032871

was about one meter. The results as regards variation in the intensity ratio of the beams (indications of the intensity detecting photocells) as a function of the angle of the analyzer are shown in Fig. 2. The experimental data indicate that in the case of reflection from the side of the crystal (Fig. 2,a) the main part of the radiation has virtually plane polarization, whereas in the case of reflection from the side of the prism (Fig. 2,b) the polarization of the main part of the radiation is nearly circular. A possible explanation is suggested. The laser output varies with rotation of the ruby rod about its geometric axis. The investigated laser set-up with the pumping power 10 to 30% above threshold yielded a radiation line width of $0.1-0.2 \text{ cm}^{-1}$ and a divergence angle of 10 to 30 min. Orig. art. has: 2 figures.

ASSOCIATION: none

SUBMITTED: 07Jun63

ENCL: 02

SUB CODE: OP

NO REF SOV: 001

OTHER: 003 5,

Card 2/4

ACCESSION NR: AP4032871

ENCLOSURE: 01

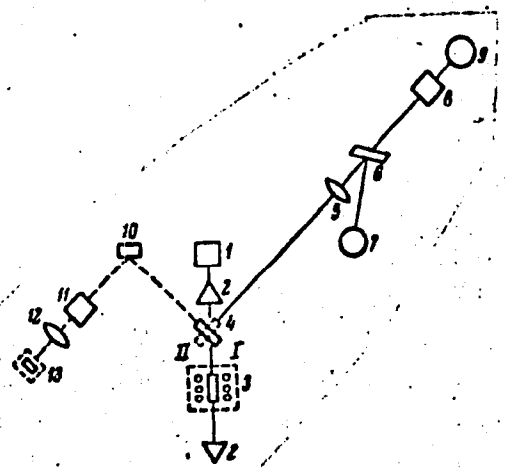


Fig. 1. Experimental laser set-up.
I - Position of plate for measurements in the right arm of the system;
II - position of plate for measurements in the left arm.

Card 3/4

ACCESSION NR: AP4032871

ENCLOSURE: 02

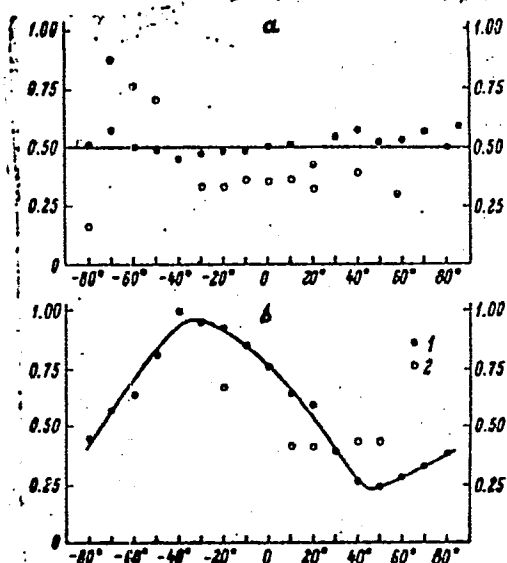


Fig. 2. Variation of the intensity ratio of the beams as a function of the analyzer angle:

a - plate (Fig.1) reflecting from the side of the prism; b - plate 4 reflecting from the side of the crystal; 1 - main part of the emission, 2 - part of the emission having a polarization different from that of the main part.

Card 4/4

L 15982-66 EEC(k)-2/EWA(h)/EWP(k)/EWT(1)/EWT(m)/FBD/T/EWP(e) SCTB/IJP(c)
 ACC NR: AP6004415 WG/WH SOURCE CODE: UR/0051/66/020/001/0138/0142

AUTHOR: Podgayetskiy, V. M.; Korneyeva, O. G.; Chernets, A. N.

57

ORG: none

B

TITLE: The angular distribution of the laser radiation energy

SOURCE: Optika i spektroskopiya, v. 20, no. 1, 1966, 138-142

TOPIC TAGS: angular distribution, ruby laser, laser energy, laser beam

ABSTRACT: The authors measured the angular distribution of the radiation energy in a ruby laser with several types of resonators with external reflectors (either two plane mirrors with 20% and 2% transmission or two 90° total-internal-reflection prisms with various orientations relative to the electric vector). A rose-ruby crystal rod 45 mm long and 6 mm in diameter was used, the optical and geometric axes being at an 82° angle. The pumping was done by two IFK-2000 lamps, placed against the rod and the forced air was used for cooling. The setup used for the plane mirrors is shown in Fig. 1, and that used for the prisms was described by the authors elsewhere (Opt. i spektr. v. 16, 674, 1964). The angular distribution was measured by a standard photometric techniques. The widths of the directivity

Card 1/3

UDC: 621.375.9:535

2

L 15982-66
ACC NR: AP6004415

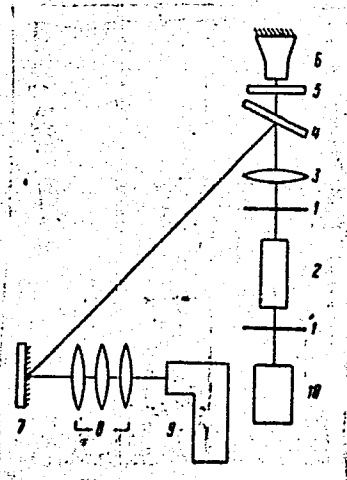


Fig. 1. Setup for the measurement of the directivity of laser radiation

1 - Reflector; 2 - ruby; 3 - lens;
4 - beam-splitting mirror; 5 - neutral
filter; 6 - camera; 7 - opal glass;
8 - lens system; 9 - photo plate;
10 - bolometer.

Card 2/3

L 15982-66

ACC NR: AP6004415

patterns at half-intensity level in the E and H planes varied very little with the type of resonator or with the operating mode of the laser (from 2.5 to 7 minutes of angle). A difference was observed, however, in the nature of the distribution of the intensity when mirrors and prisms were used as reflectors. When prisms with parallel right-angle edges are used, the photographs show an interference-fringe structure which depends on the laser operating mode. Orig. art. has: 4 figures, 4 formulas, and 1 table. [02]

SUB CODE: 20/ SUBM DATE: 21Oct64/ ORIG REF: 003/ OTH REF: 005/ ATD PRESS:

4202

Card 3/3

PODGAYETSKIY, V.M.; CHERNETS, A.N.

Spectrophotometric study of the radiation energy distribution in IFK-2000
and IFK-2000 pulsed tubes. Opt. i spektr. 14 no.3:424-426 Mr '63.
(MIRA 16:4)

(Electron tubes)

(Spectrophotometry)

L 45218-66 EWT(1)/EEC(k)-2/EWP(k)/T IJP(c) WG
ACC NR: AP6027900 SOURCE CODE: UR/0368/66/005/001/0056/0061

AUTHOR: Podgayetskiy, V. M.

ORG: none

TITLE: Calculation of the action of polarizers used in lasers with a modulated Q-factor

SOURCE: Zhurnal prikladnoy spektroskopii, v. 5, no. 1, 1966, 56-61

TOPIC TAGS: laser, Q factor, polarizer

ABSTRACT: A method of calculating the deviation of ordinary and extraordinary rays by polarizers used in lasers with a modulated Q-factor is studied. Data for polarizers with an optical contact and an air gap are obtained. An example of calculating the effect of errors in the manufacture of polarizers is given. An expression is derived for the boundary angles of the Glan polarizers. A description is given of a polarizer for lasers shaped as a birefringent wedge. The author expresses his

Card 1/2

UDC: 621.372.852.4:621.375.9

L 45218-66

ACC NR: AP6027900

gratitude to A. N. Chernets for useful advice and discussion of the work, and to
E. P. Fel'dman for discussing some of the statements. [DW]

SUB CODE: 20/ SUBM DATE: 15Mar65/ ORIG REF: 004/ OTH REF: 003

hs

Card 2/2

USSR/Biochemistry - Plant Parasites Nov/Dec 51
(Fungus Diseases)

"Splitting of Proteins by Enzymes of Fusarium Avenaceum," F. T. Sukhenko, Ye. S. Podgaynaya, Chair of Biochem, Novosibirsk Med Inst

"Biokhim" Vol XVI, No 6, pp 528-536

Studied effect of enzymes of fungus Fusarium avenaceum on proteins of wheat, peas, eggs, and blood plasma. Plant proteins are rapidly split by the fungus enzymes, while natural egg albumen, egg albumen denatured by alc, and proteins of blood plasma are split slowly. Sharp differences in the

202715

USSR/Biochemistry - Plant Parasites Nov/Dec 51
(Fungus Diseases)
(Contd)

rate of enzymatic action can be explained by the different nature of the proteins and by the specificity of Fusarium enzymes toward plant proteins.

202715

PODGAYNAYA, YE. S.

KOMAREVSKIY, V.T., inzhener.; PODGAYNOV, V.A., inzhener.

Factory manufacture of closed-hollow reinforced concrete floor
panels. Transp. stroi. 5 no. 10:13-14 D '55. (MIRA 9:3)
(Floors, Concrete)

KOMAREVSKIY, V. T. and PODGAYNOV, V. A. Engs.

2, USSR (600)

4. Railroads-Earthwork

7. Using elevating graders for building a railroad embankment. Mekh.trud.rab. 6
no. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

PODGAYNYY, Andrey Yemel'yanovich

[Mechanization of hay harvesting and ensilage in Kirghizistan]
Mekhanizatsiia senouborki i silosovaniia v usloviakh Kirgizii.
Frunze, Kirgizskoe gos. izd-vo, 1955. 54 p. (MLRA 10:2)
(Kirghizistan--Hay--Harvesting) (Ensilage)

PODGAYNYY, A.Ye.

Modification of the operation for cauterizing adhesions; a preliminary report. Probl.tub. 34 no.3:67 My-Je '56. (MLRA 9:11)

1. Iz khirurgicheskogo otdeleniya (zav. - kandidat meditsinskikh nauk M.P.Voronkova) Kazakhskogo nauchno-issledovatel'skogo tuberkuleznogo instituta (dir. - prof. V.I.Zyuzin, zam. direktora po nauchnoy chasti - kandidat meditsinskikh nauk V.D.Grund)
(CHMST--SURGERY)

PODGAYNYI, G.S., inzhener.

Reconstruction of the feed control of air-atomizing burners
"VTI-Konega." Energetik 5 no.3:17-18 Mr '57. (MIRA 10:3)
(Boilers) (Burners)

ZAIKINA, A.P., starshiy nauchnyy sotrudnik; PODGAYTS, S.D., mladshiy
nauchnyy sotrudnik

Changes in the morphological picture and some physicochemical prop-
erties of the blood in plasma transfusions to patients with traumatic
and postoperative shock. Vop.perel.krovi 4:175-185 '55. (MIRA 9:12)
(BLOOD) (SHOCK)

LIST AND 2ND ORDERS																										PROCEDURES AND PRESENTED DATA																									
1ST ORDER													2ND ORDER													1ST ORDER													2ND ORDER												
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Podgayts, V.V.																										7																									
Microdetermination of selenic acid. III. Determination of selenious anhydride. D. N. Finkel'shteyn and V. V. Podgayts. <i>J. Applied Chem. (U. S. S. R.)</i> 11, 1637-42 (1938); English 1042 (1938); cf. C. A. 32, 5339. Also: <i>Titration of the air by means of a mixt. of 0.1 N HCl 100 cc., KBr 10 g. and Br₂ 18 g., make up to standard vol., place an aliquot (5 cc.) in a volumetric tube (15 cc.), mix with 8 cc. of HCl (d. 1.18), dil. to the vol. with water and treat with 0.5-1 cc. of 40% Na₂SO₃ soln. After 40-60 min. compare with a standard prep. simultaneously from a known amt. of SeO₂. This method is most accurate in the range of 0.01-0.20 mg. of SeO₂ in 15 cc. Larger quantities (up to 2 mg. per 15 cc.) should be detd. colorimetrically in the presence of gum arabic. The color of the hydrosol obeys Beer's law. Eighteen references.</i> A. A. Podgorny																																																			
ASAC-SEA METALLURGICAL LITERATURE CLASSIFICATION																																																			

NCS PODGAYTS V.V.

Chemistry & Physics

Determination of quartz in the presence of silicates. S. S. GURVITS AND V. V. PODGAYTS, *Zhurnal Khim. Anal.*, 14 (8) 935-34 (1948).—Grind the sample to about 2 to 3 μ and carefully heat 0.1 to 0.2 gm. in a Pt crucible with 5.0 to 10.0 ml. of HCl (1:10) on a sand bath for 10 to 15 min. Add 5 ml. of water, heat to boiling, filter, and wash the residue twice with 5-ml. portions of hot HCl (1:5) and then three times with 5-ml. portions of hot water. Ignite the residue in a Pt crucible and then ignite in a muffle furnace for 20 to 30 min. Add 5.0 ml. of 48% H₂SiF₆ and

let stand for 24 to 30 hr. Filter, wash three times with 5.0-ml. portions of hot water, and ignite in a muffle furnace for 20 to 30 min. to constant weight. Carefully moisten with water, add 2 to 3 drops of H₂SO₄ (1.84) and 3 to 5 ml. of HF, evaporate to dryness on a sand bath, and again ignite to constant weight. The difference between the two weighings is the quartz.
R.Z.K.

All-Union Sci.-Res. Inst. Labor Protection

PODGAYETSKIY, V. V.

Medovar, B. I., Rabkin, D. M. and Podgayetskiy, V. V. - "On the extent of the effect of flux oxidation on the restoration of silicium and manganese during automatic welding of low carbon steel," Doklady Akad. nauk Ukr. SSR, No. 6, 1948, p. 21-24, (In Ukrainian, resume in Russian)

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

PODGAYETSKIY, V. V.

Podgayetskiy, V. V. "On the effect of flux on the speed of fusion of electrode wire", Trudy po avtomat. svarke pod flyusom (In-t elektrosvarki im. Patona), Collection 5, 1949, P. 95-99. - Bibliog: 9 items.

SO: U-4392, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, No 21, 1949).

PODGAYETSKIY, V. V.

25757, PODGAYETSKIY, V. V. O vliyanií flyusov na poristost avtomatnogo shva, vyzannuyu rshavchinoy. Trudy po avtomat. Svarke pod flyusom (In-t elektrosvarki im. Patona), sb. 6, 1949, s. 36-62-Bibliogr: 15 Nazv.

SO: Letopis' Zhurnal' nykh Statey, Vol. 34, Moskva, 1949

PODGAYETSKIY, VV.

27762

PODGAYETSKIY, V. V. I LEYNACHUK, E. I. K Voprosu o Goryachikh Treshchi Nakh Pri
Avtomaticheskoy svarke Pod Flyusom Maloug Lerodistoy Stali. Trudy Po Avtomat.
Svarke Pod Flyusom (in-t elektrosvariki Im. Patona), sb. 7, 1949, s. 55-60-Bibliogr:
7 nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

PODGAETSKIY, V. V., Engr.

USSR/Engineering - Welding
Flux

Oct 49

"Formation of Pores in Welded Seams and the Influence of Flux Composition on Tendencies Toward Porosity," I. I. Frumin, Cand Tech Sci, I. V. Kirdo, Engr, V. V. Podgaetskiy, Engr, Inst of Elec Welding imeni Acad Ye. O. Paton, Acad Sci Ukrainian SSR, 11 pp.

"Avtogen Delo" No 10

Discusses determination of quantity and composition of gases evolved during welding under under flux, for dense and porous seams, influence of impurities in the metal and viscosity of molten flux on pore formation, effect of supplementary introduction of gas into the arc cavity, data of spectrum investigation of arc in presence of flux vapor, mechanism of pore formation, behavior of fluorine compounds during welding, and similar data. States conclusions. Includes 14 tables and 10 diagrams.

PA 152T26

PODGAYETSKIY, V.V.

USSR/Engineering - Welding, Fluxes

Jun 51

"Cohesion of the Slag Crust With the Metal Surface of a Joint During Welding Under Flux," D. M. Rabkin, Cand Tech Sci, YU. N. Gotal'skiy, Ye. S. Kudelya, V. V. Podgayetskiy, Engineers, Inst of Elec Welding Imeni Acad Ye. O. Paton, Acad Sci Ukrainian SSR

"Avto-gen Del" No 6, pp 10-14

Studied the nature of chem adhesion of slag to the surface of the weld and methods of improving the slag separability. Oxidized layer of metal, formed on surface of weld, creates strong bond between slag crust and metal. Measures which hamper formation and growth of oxidation film facilitate sepn of slag crust.

200734

PODGALETSKIY, V. V., Scientific Worker

USSR/Metallurgy - Welding, Processes Jan/Feb 53

"Reaction in the Arc Atmosphere During Welding Under Flux," V. V. Podgayetskiy, Scientific Worker, Inst of Electric Welding im Ye. O. Paton

Avtomat Svarka, No 1, pp 10-18

Presents thermodynamic calcn of reactions of HF and OH formation at high temps, establishing that formation of HF is chiefly contributed to by interaction of H with gaseous SiF_4 and formation of OH is due to presence of O, CO_2 , and vapors of MnO and MgO in atmosphere of arc.

275T42

PODGAYETSKIY, V.V.

Welding with fluxes of copper and its alloys by means of a metallic
electrode. Avtom.svar 6 no.5:10-27 S-0 '53. (MIRA 7:11)

1. Institut elektrosvariki im. Ye.O.Fatona Akademii nauk USSR.
(Electric welding)

PODGAYETSKIY, Vladimir Vladimirovich; RABKIN, Daniil Markovich; DUDKO, D.A.,
kandidat tekhnicheskoy nauk, otvetstvennyy redaktor; LISENBART, D.K.,
redaktor; RAKHLINA, N.P., tekhnicheskoy redaktor

[Flux for automatic or semiautomatic welding] Fluxy dlia avtomati-
cheskoy i poluavtomaticheskoy svarki. Kiev, Izd-vo Akademii nauk
USSSR, 1954. 55 p. (MLRA 8:3)

(Electric welding)

PODgayetskii, V. V.

AID P - 855

Subject : USSR/Engineering
Card 1/1 Pub. 11 - 1/13
Author : Podgayetskiy, V. V.
Title : The effect of the composition of the flux on the
mechanical properties of metal in the welded joint
Periodical : Avtom. svar., #4, 1-11, J1-Ag 1954
Abstract : The effects of various flux compositions on micro-
structural and mechanical properties of various steels
are studied and the coordinated test data presented in
13 tables and 2 microphotographs. Five Russian refer-
ences (1948-1950).
Institutions : Institute of Electric Welding im. E. O. Paton
Academy of Sciences, Ukrainian SSR
Submitted : D 15, 1953

PODGAYETSKIY, V. V.

Subject : USSR/Engineering AID P - 864
Card 1/1 Pub. 11 - 10/13
Author : Podgayetskiy, V. V.
Title : The effect of arc ambiance on quality of metal seams
Periodical : Avtom. svar., #4, 85, J1-Ag 1954
Abstract : This brief discussion concerns the paper published by T. N. Sowa, W. C. Truckenmiller and L. E. Wagner in The Welding Journal, Dec. 1953, p. 619 on the subject of the effect of ambient air, nitrogen and carbon dioxide on the quality of the metallic seam at open-arc welding. The author analyses the results of experiments conducted with open-arc and electrodes plated by the slag.
Institution : None
Submitted : No date

PODGAYETSKIY, V.V.

5

✓ Causes of the formation of heat cracks in welds. V.V. Podgayetskiy. *Avtomat. Svarka* 7, No. 8, 731-3 (1954). For a given Mn/S ratio the formation of heat cracks in welds appears to be associated with higher C steels. This relation is not altered by changing the content of manganese silicate in the flux. It is suggested that the influence of C on the formation of heat cracks in low-C and low-alloy steels is connected with a change in the compn. of the surface layer of the liquid steel. J. R. Behrman

28 JP
..41

PODGORNY, V. I.

"Methods of röntgenography and some röntgen and anatomical information
o f the palvis tract in cattle."

Veterinariya, Vol. 37, No. 5, 1960, p. 34

Aspirant, Leningrad Vet. Inst.

Podgayetskiy, V.V.

USSR/Engineering - Welding of copper

Card 1/1 Pub. 11 - 1/11

Authors : Podgayetskiy, V. V.

Title : Some characteristics of welding copper under flux with a metallic electrode

Periodical : Avtom. svar. 3, 3-12, May-June 1955

Abstract : The formation characteristics of a metal seam and the reaction of a liquid slag with metal during welding of copper under flux with a metallic electrode were investigated, and compared with those for welding steel. The experiments indicated that the formation characteristics of a seam on copper welded under flux are stipulated by the high heat conductivity of the copper, and that the metal and slag practically do not react during welding under flux. Twelve references: 8 USSR, 3 German, and 1 USA (1927-1953). Graphs; tables; diagram; illustration.

Institution : Acad. of Sc., Ukr. SSR, YE. O. Paton's Institute of Electric Welding

Submitted : April 25, 1954

PODGAYETSKIY, V.V.

USSR/ Engineering - Welding

Card 1/1 Pub. 11 - 2/8

Authors : Leynachuk, Ye. I., and Podgatskiy, V. V.

Title : The formation of hot-cracks in weld metal

Periodical : Avtom. svar. 8/1, 17-24, Jan-Feb 1955

Abstract : The effects of preheating and cooling of welding metal on its carbon content and the formation of hot-cracks in welds are discussed, and technical data are given concerning the variations in metal temperature during its multi-layer fusion. Five USSR references (1952-1952). Graphs; tables; drawings.

Institution : Academy of Sciences of the USSR, E. O. Paton Institute of Electric Welding

Submitted : September 10, 1954

PODGAYETSKIY, V.V.; MEL'NIK, A.V.

Effect of the structure of flux on weld porosity. Avtom.svar. 8 no.4:
58-62 J1-Ag'55. (MIRA 8:11)

1. Ordena Trudovogo Krasnogo Znameni Institut elektrosvariki imeni Ye.O.
Patona Akademii nauk USSR
(Electric welding)

PODGAYETSKIY, V.V.

Procedure for testing metals for abrasive wear. Zav.lab.21 no.9:
1109-1110 '55. (MLBA 9:1)

1. Institut elektrosvariki imeni skademika Ye.O.Patona Akademii
nauk USSR.
(Metals--Testing) (Mechanical wear)

FRUMIN, Isidor Il'ich; PETRICHENKO, Valentin Kuz'mich; PODGAYETSKIY, V.V.,
otvetstvennyy redaktor; ANDREYEV, S.P., tekhnicheskiy redaktor

[Automatic welding in hard facing steel rolled girders; a practical
manual] Avtomaticheskaya naplavka stal'nykh prokatnykh valkov;
prakticheskoe rukovodstvo. Khar'kov. Gos. nauchno-tekhn. izd-vo
lit-ry po chernoi i tsvetnoi metallurgii, 1956. 114 p. (MLRA 9:10)
(Welding) (Girders)

PODGAYETSKIY, V. V.

6

✓10281* Low-Silicon Fluxes for Automatic Welding and Brazing. Nizkokremniye flusy dlia avtomaticheskoi svarki i naplavki. (Russian.) L. I. Pronin, D. M. Rabkin, V. V. Podgayskiy, I. K. Pokladina, and E. I. Leonchuk. *Arkhivnaya Svarka*, v. 6, no. 1, Jan.-Feb. 1956, p. 6-20. Compositions and technical characteristics of low-Si fluxes and methods of their preparation. Use of low-Si fluxes makes it possible to vary within a wide range the Si-to-Mn ratio in the metal of the seam. Flux composition affects the structure of the metal in the seam and the incidence of crystallization fissures. Tables, graph, diagram, photograph, micrographs. 16 ref.

5

metal

POD RLL

Subject : USSR/Engineering AID P - 5252

Card 1/1 Pub. 11 - 3/15

Author : Podgayetskiy, V. V. (Electrowelding Institute im. Ye. O. Paton)

Title : About the fluxes used in resistance slag welding

Periodical : Avtom. svar., 4, 30-49, Ap 1956

Abstract : The author describes the method of measuring electric conductivity of oxides for temperatures from 900 to 1450 C. The viscosity and electric conductivity of various fluxes used in resistance slag welding have been tested. The measurement data, their extrapolation, and comparisons are charted, and practical suggestions are given. Eleven graphs, 15 tables and 3 drawings; 11 Russian (1930-55), 4 German (1934-51) and 1 Canadian (1953) reference.

Institution : None

Submitted : No date

FROMIN, Isidor Il'ich; PATON, B.Ye., otv.red.; ~~RODGAYETSKIY, V.V.,~~ kand.
tekhn.nauk, red.vypuska; ASHIS, A.Ye., red.; KAZIMIROV, A.A.,
red.; MKDOVAR, B.I., red.; MAYEVSKIY, V.V., red.

[Automatic built-up welding under flux] Avtomaticheskaya naplavka
pod flusom. Moskva, Gos.nauchno-tekhn.izd-vo mashinostr.lit-ry,
1959. 109 p. (MIRA 12:10)
(Electric welding) (Hard facing)

ASNIS, Arkadiy Yefimovich; LATASH, Yuriy Vadimovich; MEDOVAR, B.I.,
kand.tekhn.nauk, red.vypuska; PATON, B.Ye., otv.red.; KASIMIROV,
A.A., red.; PODGAYETSKIY, V.V., red.

[Cast iron welding] Svarka chuguna. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit.lit-ry, 1959. 62 p. (MIRA 13:5)
(Cast iron--Welding)

PODGAYETSKIY V.V.

TARKHOV, Nikolay Alekseyevich; RAKHMANOV, Aleksandr Dmitriyevich;
PATON, B.Ye., otv.red.; ASNIS, A.Ye., kand.tekhn.nauk, red.
vypuska; KAZIMIROV, A.A., red.; MEDOVAR, B.I., red.; POD-
GAYETSKIY, V.V., red.; MAYEVSKIY, V.V., red.

[Electrodes for arc welding and hard facing] Elektrody dlia
dugovoi svarki i naplavki. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry, 1959. 63 p. (MIRA 13:2)
(Electric welding--Equipment and supplies)